

Converting Colors

XYZ(84.8854, 80.5338, 69.3999)

Have a look what the booklet for
XYZ(84.8854, 80.5338, 69.3999)
contains.

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Color

**XYZ(77.9738, 76.9026,
69.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCCE
RGB	255, 220, 206
RGB Percent	100%, 86%, 81%
CMY	0.0000, 0.1372, 0.1922
CMYK	0.00, 0.14, 0.19, 0.00
HSL	17°, 100%, 90%
HSV	17°, 19%, 100%
XYZ	77.9738, 76.9026, 69.1266
YIQ	228.8690, 25.3540, 3.0660

Conversions

Conversions Part 2

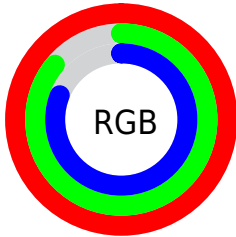
Format	Color
R _Y B	255, 226, 206
Decimal	16768206
CIE Lab	90.28, 9.98, 11.34
CIE LCh	90, 15.106, 48.668
Yxy	76.9026, 0.3481, 0.3433
Android (android.graphics.Color)	4294958286 (0xFFFFDCCE)
YUV	228.8690, -11.2744, 22.9169
Hunter-Lab	87.6941, 5.2497, 14.6494

Details

The XYZ color **77.9738, 76.9026, 69.1266** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9581, 83.2501, 106.7259**, and the grayscale version is **74.4486, 78.3258, 85.2968**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4113, 41.1830, 35.4196** is the 20% darker color. If you saturate the color by 10%, you get **70.6017, 66.7204, 52.6057**, and if you desaturate by 10%, it is **86.3728, 88.3339, 88.4712**.

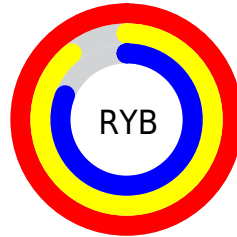
Distribution



Red (100%)

Green (86%)

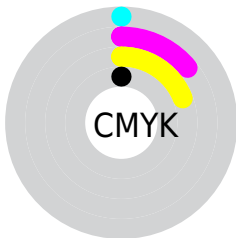
Blue (81%)



Red (100%)

Yellow (89%)

Blue (81%)

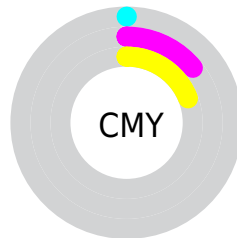


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9738, 76.9026, 69.1266 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.9738, 76.9026, 69.1266 by changing the saturation by 10% instead.


 77.9738, 76.9026,
69.1266

 77.9738, 76.9026,
69.1266


476.9190,
484.4319, 476.1834

 58.3552, 57.1729,
50.3424


129.4787,
129.0020, 119.6318

 42.3386, 41.1441,
35.3125


162.0958,
162.1405, 152.1899

 29.5588, 28.4317,
23.6182


199.7763,
200.5174, 190.1763

 19.6503, 18.6513,
14.8411

242.8857,
244.5171, 234.0097

 12.2479, 11.4186,
8.5625

291.7893,
294.5240, 284.1086

 6.9862, 6.3491,
4.3641

346.8525,

 3.4997, 3.0585,

350.9225, 340.8915

1.8271

408.4406,
414.0970, 404.7769

■ 1.4232, 1.1624,
0.4458

■ 0.2727, 0.0306,
0.0000

■ 77.9738, 76.9026,
69.1266

■ 77.9738, 76.9026,
69.1266

■ 70.6017, 66.7204,
52.6057

■ 86.3728, 88.3339,
88.4712

■ 64.2105, 57.7344,
38.7707

95.0500, 100.0000,
108.9000

■ 58.7580, 49.9026,
27.4794

■ 54.1973, 43.1765,
18.5745

■ 50.4765, 37.5039,
11.8810

■ 47.5383, 32.8283,
7.1993

■ 45.3164, 29.0868,
4.2935

■ 43.7206, 26.2037,
2.8110

■ 43.6148, 26.0097,
2.7216

Harmonies

Analogous

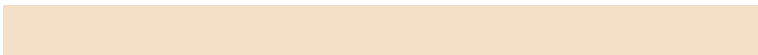
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1603, 76.9026, 77.2788



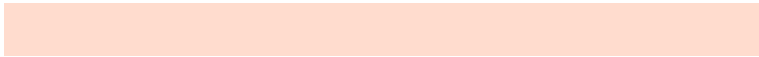
77.9738, 76.9026, 69.1266



74.5237, 76.9026, 65.0260

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.9738, 76.9026, 69.1266



66.2305, 76.9026, 79.7302



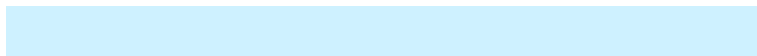
75.4326, 76.9026, 104.9252

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



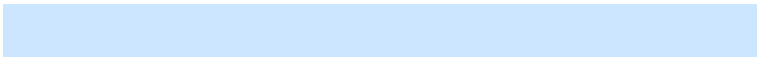
77.9738, 76.9026, 69.1266



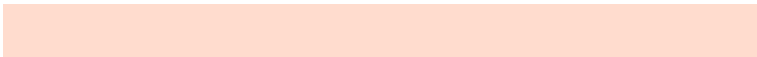
74.9581, 83.2501, 106.7259

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6820, 76.9026, 105.7243



77.9738, 76.9026, 69.1266



66.4549, 76.9026, 90.5387

Square

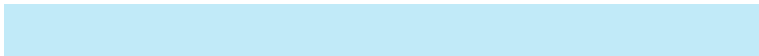
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9738, 76.9026, 69.1266



67.7973, 76.9026, 70.7885



68.4214, 76.9026, 100.2663



78.6588, 76.9026, 98.1685

Rectangle

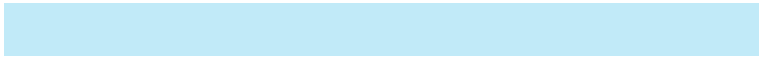
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9738, 76.9026, 69.1266



72.0093, 76.9026, 64.8848



68.4214, 76.9026, 100.2663



74.1888, 76.9026, 105.9197

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.9756, 76.9059, 69.1282



89.2963, 92.2787, 95.3098



79.2064, 71.7613, 92.9876



18.9840, 19.5776, 20.0975



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.9756, 76.9059, 69.1282



75.0664, 72.9068, 62.5497



84.8471, 90.6488, 71.4187



18.4321, 18.8325, 18.8079



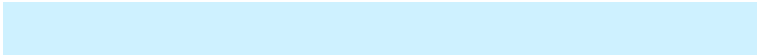
22.8990, 13.8092, 1.4585



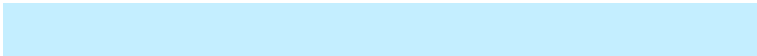
2.3180, 1.5214, 0.1715

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.9581, 83.2501, 106.7259



71.5497, 80.2899, 106.3342



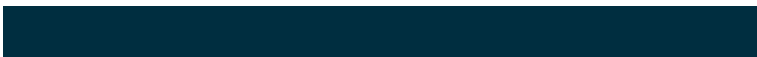
68.2186, 69.7711, 104.4794



18.0904, 19.5525, 23.0705



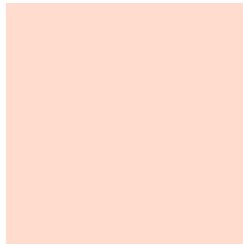
18.3187, 21.5470, 52.6281



1.8770, 2.2847, 5.1553

Previews

White Background



This preview shows how the XYZ color 77.9738, 76.9026, 69.1266 looks on a white background.

Color Contrast Check

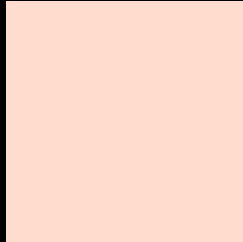
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.9738, 76.9026, 69.1266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.9738, 76.9026, 69.1266

Background



This preview shows how black text looks on a background with the XYZ color 77.9738, 76.9026, 69.1266.



This preview shows how white text looks on a background with the XYZ color 77.9738, 76.9026,

69.1266.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.9738, 76.9026, 69.1266

Protanopia

73.5698, 77.3745, 71.3788

Deuteranopia

78.2184, 77.0005, 70.4145



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

77.9738, 76.9026, 69.1266

Protanomaly

75.0030, 76.9201, 70.5685

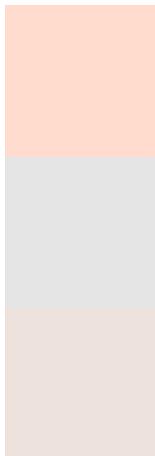
Deuteranomaly

78.0957, 76.9514, 69.7685

Tritanomaly

79.6307, 76.7305, 80.4255

Monochromacy



Original Color

77.9738, 76.9026, 69.1266

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5074, 77.7903, 79.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9738, 76.9026, 69.1266 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 206) }
```

Border

The CSS property to change the border of an element to XYZ 77.9738, 76.9026, 69.1266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 220, 206) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 220, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 220, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9738, 76.9026, 69.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
220, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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